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OCA
INCOMING

/ / UNCLASSIFIED FRP: . .3. . . . .

MILITARY

STAT

88 1016449 MUR PAGE 001 NC 1016449
TOR: 211622Z NOV 88 RUEKJCS 9155

Sen Hollings
Sen Gore
Rep Buechner
Rep Boggs
CHAC

RR RUEAIIA
DE RUEKJCS #9155 3261619
ZNR UUUUU
R 211619Z NOV 88
FM JCS WASHINGTON DC
INFO RUEAIIA/CIA WASHINGTON DC
R 210443Z NOV 88
FM COMNAVSUPPFORANTARCTICA
TO AIG FIVE THREE
ACCT NS-WCAB
BT
UNCLAS //N03000//
SECTION 01 OF 02 //N03000//
SUBJ: DEEP FREEZE 89 SITREP NO. 89-07 FOR PERIOD 121200Z THRU 191400Z NOV 88

1. SIGNIFICANT EVENTS: AIR FORCE C-141'S FINISHED THE LAST TWO MISSIONS FOR THE YEAR, DELIVERING A 12,000 LITER LIQUID HELIUM DEWAR, AND TRANSPORTING FOUR PENGUIN CHICKS TO SAN DIEGO. RNZAF C-130'S CONDUCTED THREE CARGO FLIGHTS FROM CHCH TO MCM. 5 OF 14 SCHEDULED FLIGHTS NOW COMPLETE. USARP FIELD CAMP AT UPSTREAM BRAVO WAS OPENED THIS WEEK. NZ FIELD PARTY AT RICHARDSON HILLS WAS ALSO PUT-IN. TRANSPORTATION OF THE FRENCH ANTARCTIC PROGRAM PERSONNEL TO THE DUMONT D'URVILLE STATION COMPLETED. SENATORS E. HOLLINGS (D-SC), A.GORE JR. (D-TN); CONGRESSMAN J. BUECHNER (R-MO), CONGRESSWOMEN L. BOGGS (D-LA); NSF DIRECTOR E. BLOCH; HOUSE APPROPRIATIONS-STAFF PERSONNEL J. KENNEDY AND J. BOND; COMMERCE, SCIENCE AND TRANSPORTATION COMMITTEE STAFF P. WINDHAM; NSF DIRECTOR, OFFICE OF LEGISLATIVE AND PUBLIC AFFAIRS R. BYE JR.; NSF DIRECTOR, DIVISION OF POLAR PROGRAMS P. WILKNESS; ARRIVED ON THE 18TH OF NOVEMBER FOR A TOUR AND BRIEFINGS OF NSF AND NSFA MCMURDO FACILITIES, A TRIP TO THE SOUTH POLE AND A HELICOPTER TOUR OF LOCAL SCIENTIFIC SITES OF INTEREST. ALL ARE SCHEDULED TO DEPART ANTARCTICA 2000, 21NOV.

2. AIR OPERATIONS/VXE-6 FLIGHT SUMMARY FOR 13-19 NOV

A. LC-130 GROSS FLT DATA

PROJ	MSNS	TOT	PAX	TOT	CRGO	TOT	HOURS	TOT
N	8	101	86	430	57798	509171	21.5	125.9
S	14	31	50	127	195423	385539	74.7	124.2
K	1	3	10	28	13750	13750	3.6	9.0
TOTAL	23	135	146	585	266971	908460	116.4	317.2

B. UH-1N GROSS FLT DATA

N	25	124	17	100	1250	13400	21.5	125.9
S	67	108	113	166	43800	65600	74.7	124.2
A	8	11	11	19	1000	1800	3.6	9.0
K	16	40	48	105	10400	30450	16.6	58.1
TOTAL	116	283	189	390	56450	111250	116.4	317.2

C. FUEL DELIVERED (GALS) TO:

LC-130	POLE		BYRD		SIPLE		OTHER	
	WK	TOT	WK	TOT	WK	TOT	WK	TOT
JP4	922	6813	0	12949	0	0	0	0
DFA	5117	14014	0	1776	0	0	500	500
OTHER	0	0	0	0	0	0	0	0

NOTE: OTHER DFA DELIVERED TO UPSTREAM CHARLIE.

3. TERMINAL OPERATIONS LOGISTIC SUMMARY 14-20 NOVEMBER

A. INTERCONTINENTAL

(1) CHC TO ZCM

	WEEKLY TOTAL			DF-88/89 TOTAL		
	FLTS	PAX	CARGO	FLTS	PAX	CARGO
USAF	2	76	108,933	23	1258	1,050,119
RNZAF	3	2	88,613	5	28	144,686
VXE-6	1	29	18,400	6	32	66,635

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ANG	0	0	0	0	0	0
TOTAL	6	107	215,946	34	1318	1,261,440
(2) ZCM TO CHC						
USAF	2	14	19,020	23	310	243,772
RNZAR	3	27	21,276	5	48	55,511
VXE-6	0	0	0	1	0	0
ANG	0	0	0	0?	0	0
TOTAL	5	41	40,296	29	358	299,283

4. OPERATIONAL WEATHER SUMMARY
A. METEOROLOGICAL STATISTICAL DATA

	TEMP(C) MIN/DATE	TEMP(C) MAX/DATE	WIND MEAN	MAX SUS/DATE	PRECIP TYPE/QTY/DATE
(1) ZCM	-14.5/14	-2.8/17	070/09	140/28/14	SNOW/0.28/14-16, 20
(2) ICE-RNWY	-17.0/17	-3.0/17	240/09	220/20/14	SNOW/UNKNOWN/14-15
(3) NPX	-42.0/15	-35.0/18	060/07	120/11/19	ICE CRYSTALS/TRACE/17-19
(4) NBY	-21.0/20	-11.0/16	260/16	240/20/15	SNOW/TRACE/14, 16
(5) MBL	-11.0/19	PLUS2.0/17	360/06	340/15/14	SNOW/TRACE/14

5. FUEL STATUS (GALLONS)

A. DFA	RECEIVED	USED	TRANSFERRED	ON HAND
MCMURDO	0	89,685	0	1,432,904
POLE	5,117	5,392	0	108,842
BYRD	0	670	0	3,774
W-FIELD	0	0	0	59,283
ICE RNWY	6,203	3,346	0	17,315
SIPLE	0	0	0	6,986
TOTAL	11,320	99,093	0	1,629,104
B. JP4				
MCMURDO	0	0	132,939	2,644,072
BYRD	2,312	9,248	0	5,491
W-FIELD	0	0	0	121,542
ICE RNWY	132,939	146,179	0	42,418
HELO PORT	0	6,214	0	15,696
POLE			0	13,376
TOTAL	135,251	161,641	132,939	2,842,595

6. MCMURDO ACTIVITY (NSFA)
A. COMMUNICATIONS DEPARTMENT
(1) TRAFFIC TOTALS US-18: 736
(2) TRAFFIC TOTALS US-19: 770
(3) LES-9 USAGE: 25:16
(4) TOTAL OUTAGES: 1:37 POOR PROPAGATION/US-19.
(5) ELECTRONICS: AIR TRAFFIC CONTROL COMM TECH SENT TO SOUTH POLE TO PMS/OVERHAUL COMM EQUIP. NAESU ENGINEERING COMP REPAIR OF WX EQUIP AT SOUTH POLE.
B. PUBLIC WORKS
(1) TRANSPORTATION:
(A) COMPLETED FIFTH MARBLE POINT TRAVERSE DESPITE MECHANICAL SET-BACKS. ALL SCIENCE SUPPORT CARGO PUT-IN COMPLETED. DELIVERED 8,000 GALLONS JP-4 ON 4TH AND 5TH TRAVERSES. TWO TRIPS REMAINING TO SATISFY JP-4 FUEL REQUIREMENTS.
(B) CONTINUED MAINTENANCE OF RUNWAY IN/OUTBOARD EDGES, TRANSITIONS, ICE AND SNOW ROADS. DAILY ROLLING AND DRAGGING OF WILLIAMS FIELD SKIWAY IN PROGRESS.
(C) COMMENCED CLEARING OF ICE PIER AND WHARF AREA.
(2) FACILITIES/ENGINEERING:
(A) BYRD SURFACE CAMP ANTENNA INSTALLATIONS (3) IN PROGRESS. GORMAN RUPP FUEL PUMPS (2) REQUIRED REPLACEMENT DUE TO FAILURE.
(B) PROGRESSED TO PERIOD TWO CRITERIA FOR ICE RUNWAY CORING MEASUREMENTS DUE TO OVERALL AVERAGE INCREASE OF NEAR-SURFACE TEMPERATURES.
C. MEDICAL
(1) ACCIDENT/INJURY REPORT:
END OF MESSAGE

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